



SERVICE MANUAL

ZE110

ZE120

XE125

XE150

XE350

XE550

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Troubleshooting Guide

ELECTRONIC SYSTEM

No power to the console

1. Unit must be plugged into an outlet with power
2. Test adapter for voltage with a meter. **(Procedure 1)**
3. Disconnect console, test harness for voltage. **(Procedure 2)**

No resistance change

1. When the UP or DOWN buttons are pressed, listen for the sound of the gear motor running.
2. If you cannot hear the motor running, remove the console and set the volt meter to the ohms setting.
 - Measure between the red and the yellow wires; it should be around 5K ohms +/- (500 ohms).
 - Measure between the red and orange wires and then between the yellow and orange wires. These two measurements should add up to the measurement between the red and yellow.
 - If these measurements are correct, then the potentiometer on the gear motor is good.
 - Measure between the black and brown wires. The meter should read close to a short, about 1-5 ohms.

If all of these readings are correct, the motor and harness are good and the console needs to be replaced.

If any of the readings are not correct, the problem is either the harness or the gear motor. In this case, you need to take the same measurements from the wires directly on the gear motor. **(Procedure 3)**
3. If you do hear the motor running, make sure the motor cable is properly connected to both the gear motor and the brake, and the cable is properly adjusted. **(Procedure 5)**

No speed, distance, or RPM reading

1. Check for proper alignment of speed sensor. **(Procedure 4)**
2. Check flywheel for magnet. **(Procedure 4)**

Troubleshooting Guide

MECHANICAL SYSTEM

Resistance too high

1. See **Procedure 5** in repair procedures section.
-

Thumping noise

1. Clean and lube wheels and rails.
 2. If there is still a thump, check for loose bolts.
 3. If there is still a thump, there is most likely a missing spacer on the main axle. Call customer service and order a spacer and then use **Procedure 6** to install the spacer.
-

Swing arm is loose

1. Remove the swing arm from the upright and make sure there are two wave washers on each side.

Repair Procedures

PROCEDURE 1: Test adapter for voltage

- 1.1 Plug adapter into a working outlet.
- 1.2 Turn on meter to test for DC voltage.
- 1.3 Put one lead into the end of the plug and the other lead to the metal on the outside.

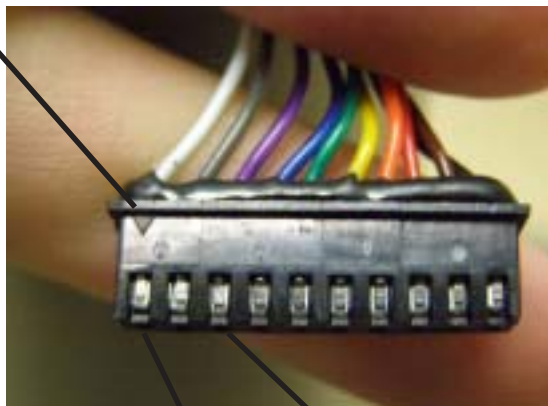


- 1.4 The adapter will be labeled 9VDC or 12VDC. When testing, the reading should be a few volts higher than the label says. If there is less voltage than what the label says, you need to replace the adapter.

PROCEDURE 2: Test harness for power supply voltage

- 2.1 After you have tested the adapter for voltage, plug in the machine and take the console off of the unit.
- 2.2 Turn on the meter to test for DC voltage.
- 2.3 Put one lead on the 1st wire and the other lead on the 3rd wire.

Triangle always points to pin # 1



Put leads from meter HERE and HERE

- 2.4 You should have basically the same voltage here as you had when you tested the adapter. If the reading is vastly different, the harness needs to be replaced.

Repair Procedures

PROCEDURE 3: Test gear motor

- 3.1 If unit is an XE550, go to motor test in engineering mode (Procedure 8).
- 3.2 Take off right shroud so you can access the gear motor.
- 3.3 Turn meter on setting to check for DC voltage.
- 3.4 Check for voltage between the yellow and the red wires. (Should be around 4.5v for 350/550)
- 3.5 Check for voltage between the yellow and orange. Check for voltage between the red and orange.
These two voltages should added together should total the voltage that you had between the yellow and red.
- 3.6 Press the START button and press the UP button. Check for voltage between the black and the brown wires. You should get 4-6 volts. (As you can see, you will need someone to help you with this step.)

PROCEDURE 4: Alignment of speed sensor and magnet

- 4.1 Using a flat screw driver or a knife, take off the round disc cover on the left side of the unit.
- 4.2 Turn the pedal so the bigger opening is at the top of the hole. (See picture below)



- 4.3 Sensor should be pointing directly at the large pulley and there should be a magnet in the on the pulley.



Magnet

Sensor

Repair Procedures

PROCEDURE 5: Adjusting brake cable

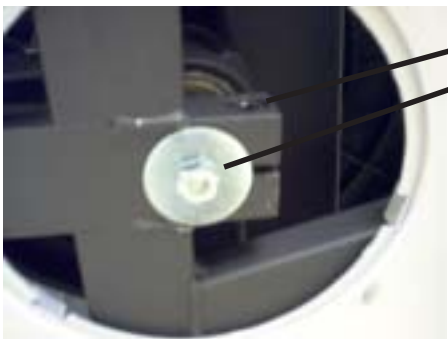
- 5.1 Take right and left shrouds off.
- 5.2 On the left side of the unit you will find the brake inside of the flywheel.
- 5.3 Using an open end wrench, loosen the small lock nut.
- 5.4 Using the same wrench, loosen the longer nut. As you loosen the nut you will see this gap get smaller.



- 5.5 The smaller the gap is, the easier the resistance will be at level 1. **Dont adjust out the gap completely.**
- 5.6 Tighten down the lock nut.

PROCEDURE 6: Installing spacer to fix thump

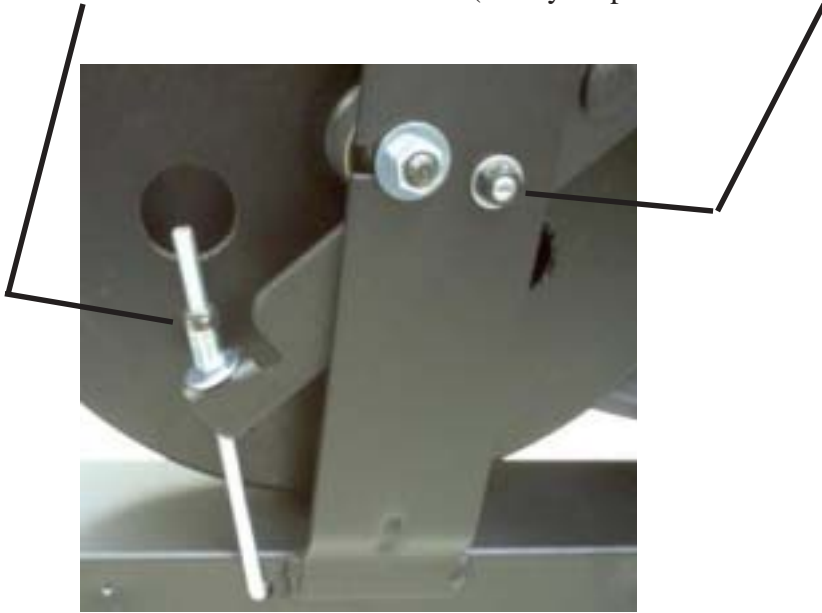
- 6.1 Remove swing arm, connecting arm, and step arm from each side.
- 6.2 Remove right and left shrouds. There should be 10 screws on the right side and 4 that hold the left side on (3 on the bottom and one on the right side near the mast).
- 6.3 On each side, remove small access cover, remove the two bolts, and slide cross member off of axel.



- 6.4 Remove the two snap rings off of the axel on left side.

PROCEDURE 6: Installing spacer to fix thump continued

6.5 Loosen the nut that tensions the drive belt. (It may help to loosen this nut as well)



6.6 Once the belt is loose, slide it off of the large pulley.

6.7 Grab the large pulley and slide the axel out of the housing.

6.8 Slide the spacer on the axel.



6.9 Reverse procedure to reassemble.

PROCEDURE 7: XE350 Engineering Mode

1. Press and hold the START, ENTER, and STOP buttons until display beeps.
2. "ENGINEERING MODE" will scroll across the screen, press ENTER.
3. Press the UP and/or DOWN buttons to scroll through the following sub menus:
 - Key Test
 - Display Test
 - Functions
 - Security
 - Factory Set
 - Exit
4. Press ENTER to access the desired program.
5. Press STOP to exit Engineering Mode.

- Key Test

Press ENTER. Press all buttons on console.

- Display Test

Press ENTER. Console will test each LED. Look to see if there are any segments or LED's that are burned out.

- Functions

Sleep Mode On/Off ----- Press ENTER to turn on or off.

Pause Mode On/Off ----- Press ENTER to turn on or off.

Odometer Reset ----- Press ENTER to reset.

Units English/Metric ----- Press ENTER to change.

Beep Sound On/Off ----- Press ENTER to turn on or off.

Exit ----- Press ENTER to exit the functions menu.

- Security

Child Lock On/Off ----- Press ENTER to turn on or off.

- Factory Set

Press ENTER to go back to original factory settings. This will reset saved user programs.

- Exit

Press ENTER to exit Engineering Mode.

PROCEDURE 8: XE550 Engineering Mode

1. Press and hold the START, ENTER, and STOP buttons until display beeps.
2. "ENGINEERING MODE" will scroll across the screen, press ENTER.
3. Press the UP and/or DOWN buttons to scroll through the following sub menus:
 - Key Test
 - Display Test
 - Functions
 - Security
4. Press ENTER to access the desired program.

- Key Test

Press ENTER. Press all buttons on console. (If all work, it will say PASSED.)

- Display Test

Press ENTER. Console will test each LED. Look to see if there are any segments or LED's that are burned out.

- Functions

Sleep Mode On/Off -----Press ENTER to turn on or off.

Pause Mode On/Off -----Press ENTER to turn on or off.

Odometer Reset -----Press ENTER to reset.

Units English/Metric ----Press ENTER to change.

Beep Sound On/Off -----Press ENTER to turn on or off.

Motor Test -----Press ENTER to begin test. Press STOP to end test.

Exit -----Press ENTER to exit the functions menu.

- Security

Child Lock On/Off ----- Press ENTER to turn on or off. Press STOP to exit security menu.

CONTACTING CUSTOMER SERVICE

It is the responsibility of the Dealer to assemble and setup any Spirit product they have sold, as well as diagnose problems and perform service, regardless of the product's location. Recognizing the importance of insuring the consumer's satisfaction, Spirit technical support will always be available to assist the Dealer in diagnosing a problem. All warranties are valid from the original date of purchase by the original purchaser.

PARTS ORDERS

Fax 870-930-9013

Fax your order using a completed parts purchase order to (870) 930-9013. Please do not call to place your parts orders, fax only. Service technicians are available to assist in the repair of treadmills. If taking parts orders by telephone, technical service calls will go unanswered. **Standard shipping is FedEx ground. If you need an order shipped by another method, you must pay for shipping.**

CUSTOMER SERVICE

Call 800-258-4555

Calling from Store Location

Dial 1 to reach the first available technician, or select the extension number for one technician. ***You must have the serial number of the machine.***

- Eddie Greene, Customer Service Supervisor ext. 630
- Jerry Savage, Customer Support ext. 632
- Travis Lawrence, Customer Support ext. 633
- Kevin Thomas, Customer Support ext. 628

If the technician you choose is unavailable, leave a detailed message. Leave only one message. Do not call another extension. Do not leave multiple messages. This results in a duplication of effort and keeps our technicians from assisting you and other customers in a prompt manner.

Calling from Customer Location

Dial 0 for an operator. Relay to the operator you are a dealer and in a customer's home. You will be assisted by the first available technician.

XE ELLIPTICAL WARRANTY

Spirit Manufacturing Inc. warrants all its XE elliptical parts for a period of 5 years from the date of retail sale, as determined by sale receipt, or eighteen (18) months from the original factory shipping date, whichever comes first. Spirit's responsibilities include providing new or remanufactured parts, at Spirit's option, and technical support to our independent dealers and servicing organizations. In the absence of a dealer or service organization, these warranties will be administered by Spirit directly to a consumer. An extended warranty period applies to the following components:

XE125 - XE150
Frame-----Lifetime
Brake-----Lifetime
All Parts-----5 years
Labor-----1 year

XE350 - XE550
Frame -----Lifetime
Brake -----Lifetime
All Parts -----5 years
Labor -----2 years

ZE ELLIPTICAL WARRANTY

Spirit Manufacturing Inc. warrants all its ZE elliptical parts for a period of 2 to 5 years, depending on the model, from the date of retail sale, as determined by sale receipt, or eighteen (18) months from the original factory shipping date, whichever comes first. Spirit's responsibilities include providing new or remanufactured parts, at Spirit's option, and technical support to our independent dealers and servicing organizations. In the absence of a dealer or service organization, these warranties will be administered by Spirit directly to a consumer. An extended warranty period applies to the following components:

ZE110 - ZE120
Frame -----Lifetime
Brake -----Lifetime
All Parts -----2 years
Labor -----1 year

ZE130
Frame -----Lifetime
Brake -----Lifetime
All Parts -----3 years
Labor -----1 year

ZE140
Frame -----Lifetime
Brake -----Lifetime
All Parts -----4 years
Labor -----1 year

WARRANTY POLICY

Parts Returns

It is very important that you have not only the model number but also the serial number on hand when placing a parts order. If a serial number is provided at the time a warranty parts order is placed the required parts will be sent to you at no charge. If the unit is no longer covered under warranty the parts will be billed to you on 30 day payment terms.

If a warranty replacement part is required to be returned to Spirit it will be noted on the packing list included in your shipment. Also noted on the packing list will be the amount you will be invoiced if the parts are not returned within 30 days.

Parts Required to be Returned for Credit

Upper Electronics - ZE Series and XE Series

Paperwork Requirement: A copy of your invoice or packing list and diagnostic form (if included with replacement part) must be returned with the defective part to receive warranty consideration.

Warranty Labor Reimbursement Procedure

Complete Request for Warranty Labor Credit Form.

Fax completed form to Terry Jordan at (870) 930-9013.

Once Spirit has received your returned parts, your request will be processed and returned by fax to you.

What is Not Covered

- 1) Failures created due to improper installation or maintenance.
- 2) Repairs requiring only simple adjustments, fuses, or calibrations.
- 3) Damages sustained from shipping - Freight claim must be filed with your carrier.
- 4) Repairs that are made beyond the warranty period.
- 5) Repairs where the customer is paying the base labor fee to the dealer.
- 6) Units that are dealer stock or floor models.
- 7) Trips for diagnostic visit.
- 8) Residential units in a commercial setting.

Credit will not be issued for repairs in which:

- 1) Parts required for return are not returned to Spirit within 30 days.
- 2) All paperwork is not completed or returned.
- 3) Spirit confirms that work was not completed.

Warranty Labor Reimbursement Policy

Spirit has established a set of guidelines that are fair to both independent service companies and to Spirit. Our policy on labor warranty reimbursement is simple...we pay a one time flat completion fee of \$80 per service occurrence. Once all work required to complete the repair has been finished and all parts required for return have been returned to Spirit either credit or payment in the amount of \$80 will be issued to your company. The one-time flat completion fee of \$80 will be paid only when the repair is complete and the unit has been returned to proper working condition. If your company needs consideration for labor or trip fees that are higher than Spirit's standard fees, they will be evaluated on a case-by-case basis. (e.g. - travel to perform service work in Manhattan). Any change in the fee schedule must be approved in writing by Spirit before any work is performed.

For Dealers That Wish To Use Third Party Service

It is Spirit's policy that all dealers service products that they sell to end users. If your company chooses to use an independent company for service, you are responsible for all service work. Our labor reimbursement policies apply in every case and any charges in excess of Spirit's one time flat completion fee will be billed back to the selling dealer. In certain circumstances, we will work directly with an independent service company, but we will not pay for any service that deviates from our policy for dealers wishing to have this arrangement. Dealers will be responsible to the service company for all charges disallowed by Spirit. Any deviation from Spirit policy must be approved in advance in writing.

REQUEST FOR WARRANTY LABOR CREDIT



P.O. BOX 2037 ■ JONESBORO, ARKANSAS 72402

Labor Warranty <input type="checkbox"/> Spirit is responsible <input type="checkbox"/> Customer is responsible
--

Date of Repair	Model#	Serial Number	
Service Company	Svc CoAcct Number		Owner's Name
		Owner's Address	
Selling Dealer Number	Selling Dlr Acct	Phone Number With Area Code	Date Sold
Problem			

Repair Done

				FACTORY USE ONLY			
QUANTITY	PART NUMBER	PART DESCRIPTION	WTY	TEST RESULTS	UNIT PRICE	WORK ORDER	INVOICE

FACTORY USE ONLY		
LABOR		FREIGHT:
TRIP		SHIPPING:
TOTAL LABOR		WARRANTY CREDIT WILL BE ISSUED TO DEALER ACCOUNT.

Authorization No. _____

 WARRANTY ADMINISTRATOR

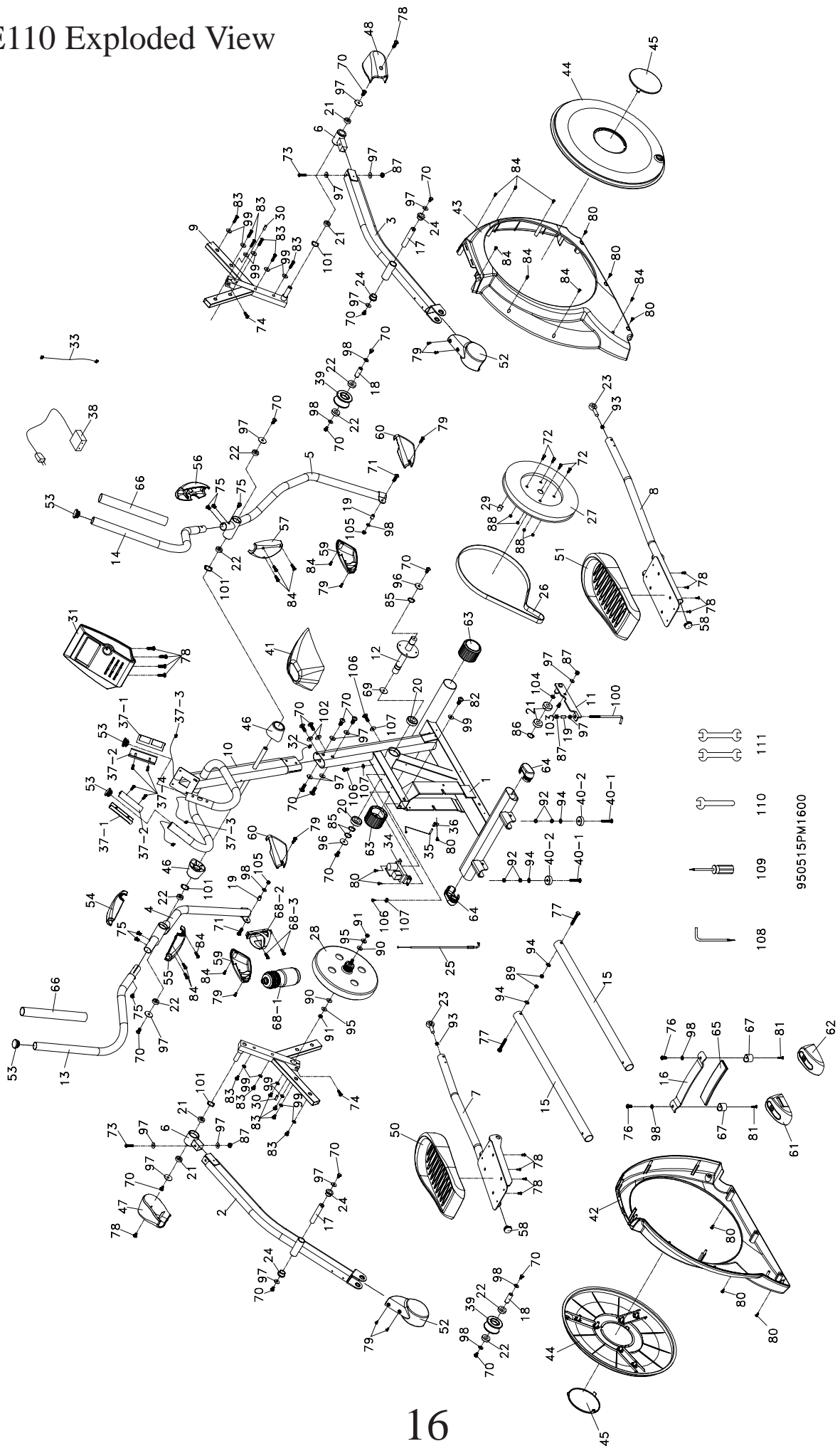
ALL PARTS MUST BE RETURNED TO FACTORY UNLESS INSTRUCTED OTHERWISE.

CLAIMS MUST BE RETURNED TO SPIRIT CORP. WITHIN 7 DAYS OF REPAIR.

SHADED AREAS FACTORY USE ONLY

FAX TO SPIRIT (870) 930-9013

ZE110 Exploded View



ZE110 Parts List

NO.	DESCRIPTION	Part #	O'TY
1	Main Frame		1
2	Pedal Arm Assy. (L)	000357	1
3	Pedal Arm Assy. (R)	000358	1
4	Lower Handle Bar Assy. (L)	000354	1
5	Lower Handle Bar Assy. (R)	000355	1
6	Bushing Housing w/ Bearing (Pedal Arm)	000361	2
7	Connecting Arm Assy. (L)	000359	1
8	Connecting Arm Assy. (R)	000360	1
9	Cross Bar -Crank Weldment	000353	2
10	Console Mast	000349	1
11	Idler arm Assembly	000362	1
12	Pulley Axle	000908	1
13	Handle Bar Assy. (L)	000363	1
14	Handle Bar Assy. (R)	000364	1
15	Rail	000249	2
16	5T_ Iron Plate for Lug	000250	1
17	~ 19x 102L_Axle for Pedal	000267	2
18	~ 17x 59L_Axle for Slide Wheel	000277	2
19	~ 11.9 x ~ 8.5 x 16m/m_Fish-eye Sleeve-Rod End Sleeve	000199	3
20	6005 Bearing for Pulley	021951	2
21	6203 Bearing for Idler Wheel	021987	6
22	6003 Bearing for Slide Wheel	010043	8
23	Fish-eye Bearing - Rod End Bearing	000200	2
24	~ 31 x ~ 25.5 x ~ 19 x 16+3T_ Bushing (for Pedal Arm)	022699	4
25	Steel Rope - Brake Adjustment Cable	000278	1
26	Belt - 500J/1270J	000146	1
27	Drive Pulley w/ Axle	Pulley ONLY = 000908 000147	1
28	Flywheel - Brake Assy.	000341	1
29	Magnet	010041	1
30	Woodruff Key	000274	2
31	Console	000327	1
32	1100mm_12P Main Wiring Harness	000987	1
33	DC Power Cable - Power Input Jack	000185	1
34	Gear Motor	000279	1
35	Sensor W/Cable	000369	1
36	Sensor Rack	022989	1
37	Handpulse W/Cable Assy.	Comes as Assembly 000144	2
37~1	Handpulse Assembly Top		2
37~2	Handpulse Assembly Bottom		2
37~3	Handpulse Cable		2
37~4	~ 3x20m/m__Tapping Screw	000839	4
38	1 Amp Power Adapter	000280	1
39	~ 82_Slide Wheel , Urethane	000251	2
40~1	3/8" x 2"_ Flat Head Socket Screw	022885	2

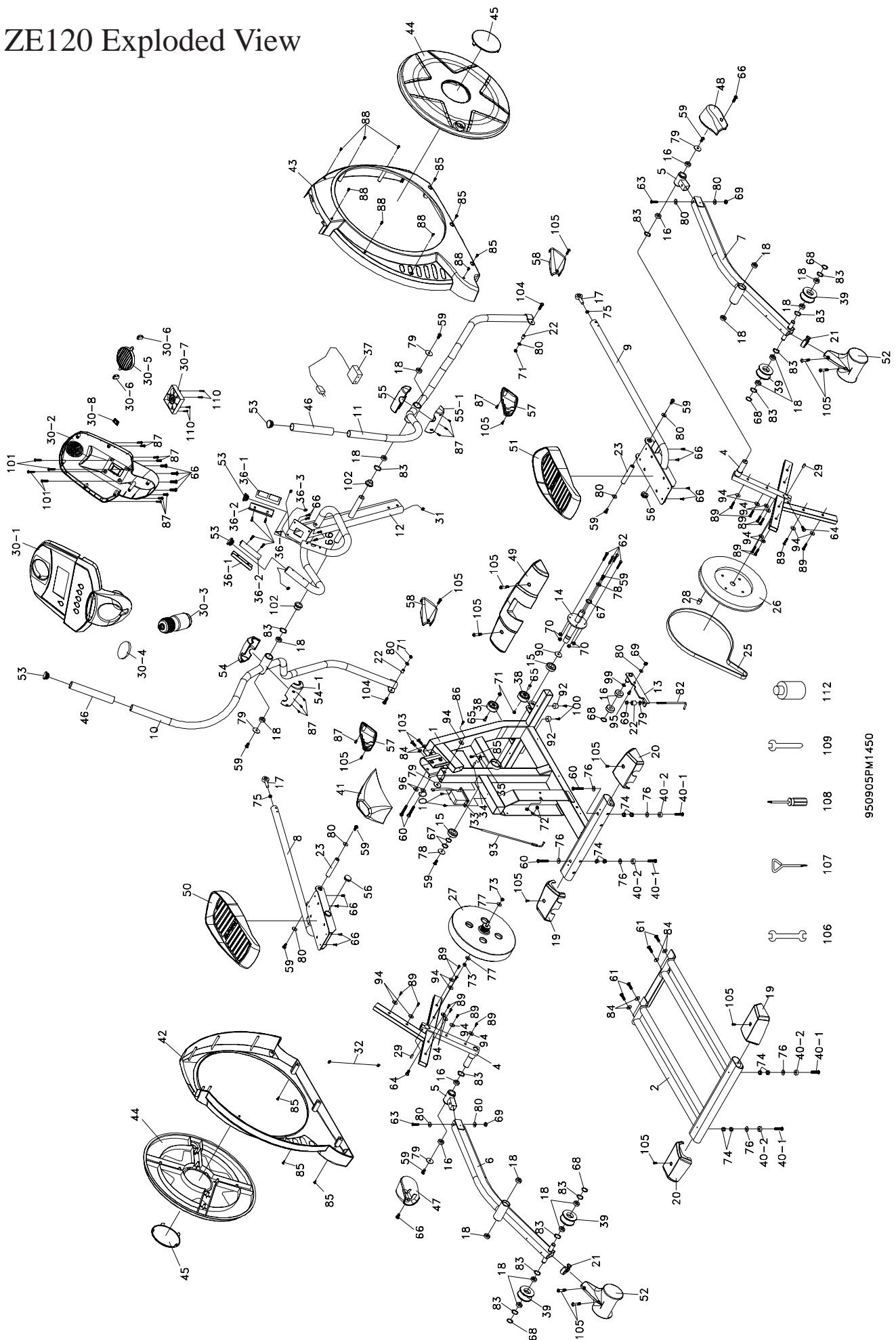
ZE110 Parts List continued...

NO.	DESCRIPTION	Part #	O'TY
40~2	~ 35x10m/m_Cushion	022943	2
41	Console Mast Cover	000307	1
42	Left Chain Cover	000365	1
43	Right Chain Cover	000366	1
44	Round Disk	000371	2
45	Round Disk Access Cover	000344	2
46	Handle Bar Axle Cover	000256	2
47	Pedal Arm Cover (L)	000345	1
48	Pedal Arm Cover (R)	000346	1
50	Pedal (L)	000155	1
51	Pedal (R)	000837	1
52	Slide Wheel Cover	000426	2
53	~ 32 (1.8T)_Button Head End Cap	022069	4
54	Front Handle Bar Cover (L)	Comes as SET	1
55	Rear Handle Bar Cover (L)		1
56	Front Handle Bar Cover (R)	Comes as SET	1
57	Rear Handle Bar Cover (R)		1
58	~ 32 (2.5T)_Round Head End Cap	000841	2
59	Connecting Arm Cover (L)	Comes as SET	2
60	Connecting Arm Cover (R)		2
61	Lug Cover (L)	000375	1
62	Lug Cover (R)	000376	1
63	~ 60_Transportation Wheel	010068	2
64	~ 40x~ 80_Oval End Cap	010080	2
65	EVA Foam For Lug	000263	1
66	EVA Foam For Handle Bar	000159	2
67	~ 32x28T_Cushion Foot Pad	000275	2
68~1	Drink Bottle	030059	1
68~2	Drink Bottle Holder	000843	1
68~3	M5 x 12m/m _ Button Head Socket Screw	030095	2
69	~ 35 x~ 25.5 x 5T_Bushing (Plastic)	000148	1
70	5/16" x 15m/m_Hex Head Screw	022803	20
71	5/16" x 32m/m_Hex Head Screw	022113	2
72	1/4" x 3/4"_Hex Head Screw	030097	4
73	M8 x 50m/m_Socket Head Cap Screw	022139	2
74	M8 x 25m/m_Socket Head Cap Screw	030086	2
75	5/16" x 15m/m _ Button Head Socket Screw	022707	6
76	5/16" x 3/4"_ Button Head Socket Screw	000100	2
77	3/8" x 2-1/4"_ Button Head Socket Screw	022792	2
78	M5 x 10m/m _ Phillips Head Screw	000912	14
79	M5 x 15m/m _ Phillips Head Screw	000913	8

ZE110 Parts List continued....

NO.	DESCRIPTION	Part #	O'TY
80	5 x16m/m_ Tapping Screw - Plated	010150	7
81	5 x 25m/m_ Tapping Screw	022793	2
82	3.2 x 32m/m _ Self Tapping Screw		1
83	5 x 16m/m _ Tapping Screw - Plated	010150	12
84	3.5 x 12m/m_ Self Tapping Screw	010113	15
85	~ 25_C Clip	000195	1
86	~ 17_C Clip	000196	1
87	M8 x 7T _ Nylon Nut	022288	4
88	1/4" _ Nylon Nut	030098	4
89	3/8" x 7T_ Nylon Nut	000080	2
90	3/8" -UNF26 x 4T_ Nut	010094	2
91	3/8" -UNF26 x 9T_ Nut	010095	2
92	3/8" x 7T_ Nut	010108	4
93	M12_ Nut	022794	2
94	3/8" x 19 x 1.5T_ Flat Washer	000076	4
95	3/8" x 25 x 2T_ Flat Washer	010098	2
96	5/16" x 35 x 1.5T_ Flat Washer	010099	2
97	5/16" x 23 x 1.5T_ Flat Washer	022908	18
98	5/16" x 20 x 1.5T_ Flat Washer	022918	8
99	1/4"x19m/m_ Flat Washer	022919	13
100	J Bolt - M8 x 170m/m	010142	1
101	~ 17 _ Wavy Washer	022700	4
102	5/16" x 23 x 2T_ Curved Washer	022957	2
103	M8 x20 m/m_ Carriage Bolt	030094	1
104	~ 17x~ 23.5x2T_ Flat Washer	022975	1
105	5/16" x 7T_ Nylon Nut	000081	2
106	3.5x16m/m_ Tapping Screw	022979	3
107	Wire Tie Mount	010083	3
108	Combination M5 Allen Wrench & Phillips Head Screw Driver	000089	1
109	Phillips Head Screw Driver	023091	1
110	12 m/m_ Wrench	000342	1
111	13/14m/m_ Wrench	022596	2
112	5 x19m/m_ Tapping Screw	030057	2
	Hardware Kit	000408	1
	Decal (Side)	000309	2
	Console Sticker (Spirit Logo)	000820	1

ZE120 Exploded View



950905PM1450

ZE120 Parts List

NO.	DESCRIPTION	Part #	Qty.
1	Main Frame		1
2	Rail Assembly	000448	1
4	Cross Bar	000310	2
5	Bushing Housing, Pedal Arm	000308	2
6	Pedal Arm Assy. (L)	000332	1
7	Pedal Arm Assy. (R)	000333	1
8	Connecting Arm Assy. (L)	000334	1
9	Connecting Arm Assy. (R)	000335	1
10	Handle Bar Assy. (L)	000446	1
11	Handle Bar Assy. (R)	000447	1
12	Console Mast	000489	1
13	Idler Arm Assy. w/ Bearings	000584	1
14	Pulley Axle	022148	1
15	6005 Bearing for Pulley	021951	2
16	6203 Bearing for Idler Wheel	021987	6
17	Fish-eye Bearing - Rod End Bearing	000200	2
18	6003_Bearing	010043	16
19	Rear Stabilizer Cover(A)	000337	2
20	Rear Stabilizer Cover(B)	000338	2
21	Oval End Cap		2
22	~ 11.9 x ~ 8.5 x 16m/m _Fish-eye Sleeve - Rod End Sleeve	000199	3
23	~ 17 x 108 L x 5/16" _Axle for Pedal	000868	2
25	Belt - 500J/1270J	000146	1
26	Drive Pulley Assy. w/ Axle	Pulley ONLY = 000908	1
27	Flywheel - Brake Assembly	000855	1
28	Magnet	010041	1
29	Woodruff Key	000198	2
30	Console	000339	1
30~1	Top Console Cover	000340	1
30~2	Bottom Console Cover	000328	1
30~3	WATER BOTTLE	030059	1
30~4	Badge, Console	000351	1
30~5	Deflector Fan Grill	000467	1
30~6	Fan Grill Anchor	000831	2
30~7	Fan Motor	000808	1
30~8	Fan Power Switch	000367	1
31	1000m/m_Main Wiring Harness	000183	1
32	850mmL_DC Power Cable	000585	1
33	Gear Motor	022170	1
34	Sensor W/Cable	000184	1

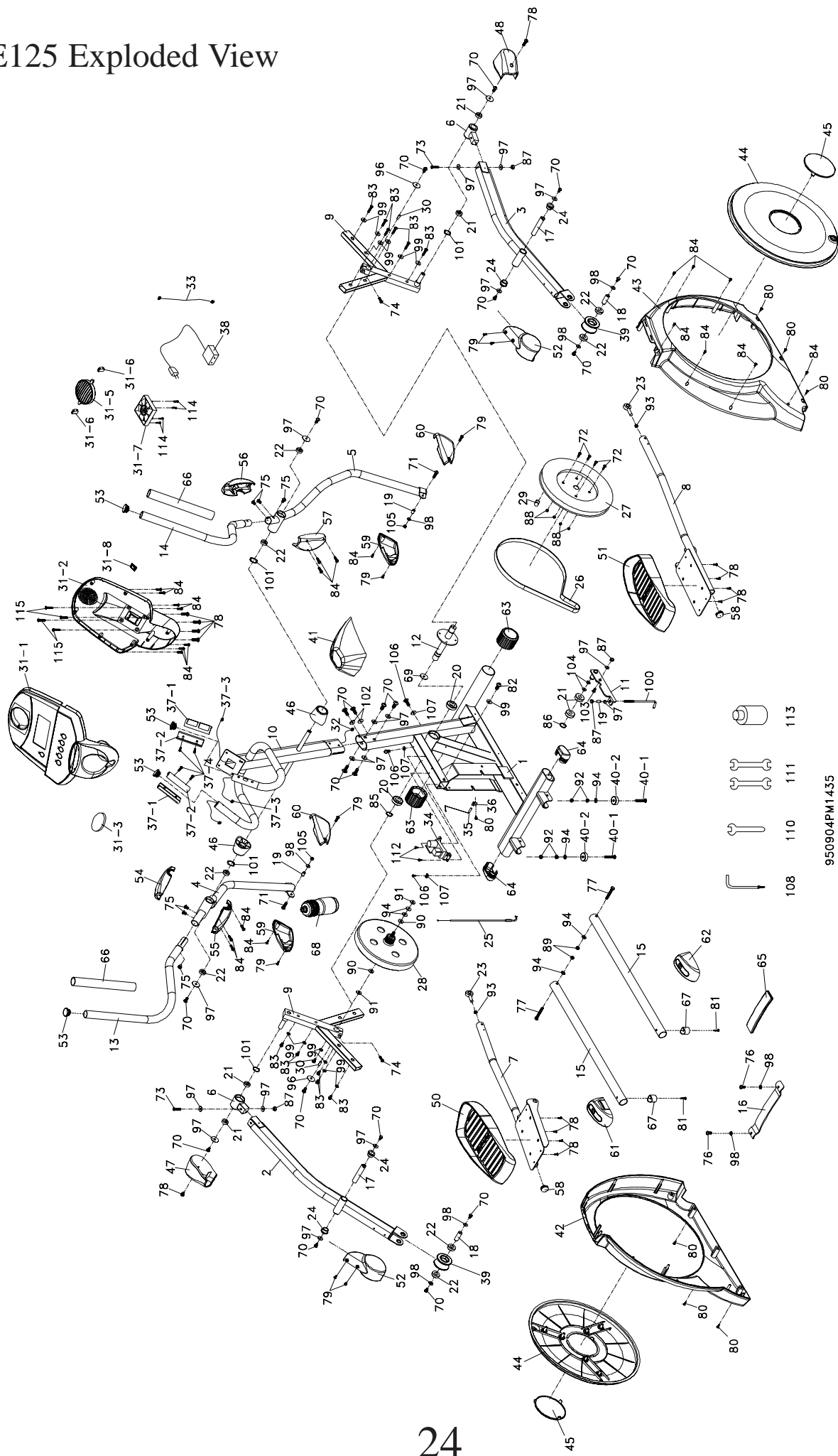
ZE120 Parts List continued.....

NO.	DESCRIPTION	Part #	Qty.
35	Sensor Rack	022989	1
36~1	Handpulse W/Cable	000144	2
36~2	Handpulse Assembly Top	(SET)	2
36~3	Handpulse Assembly Bottom	(SET)	2
36~4	~ 3x20_ Tapping Screw		4
37	1 Amp Power Adapter	000280	1
38	~54_ Transportation Wheel	000179	2
39	~72 PU_Slide Wheel , Urethane	000153	4
40~1	3/8" x 2"_Flat Head Socket Screw	022885	4
40~2	~ 35x10_Cushion Foot Pad	022943	4
41	Console Mast Cover	000336	1
42	Left Chain Cover	000330	1
43	Right Chain Cover	000331	1
44	Round Disk	000343	2
45	Round Disk Access Cover	000449	2
46	~ 32x420Lx3T_Handle Bar Axle Inner Cover		2
47	Pedal Arm Cover (L)	000345	1
48	Pedal Arm Cover (R)	000346	1
49	Front Stabilizer Cover	000352	1
50	Pedal (L)	000155	1
51	Pedal (R)	000837	1
52	Slide Wheel Cover	000347	2
53	~ 32 (1.8T)_Button Head End Cap	022069	4
54	Front Handle Bar Cover (L)	(SET)	1
54~1	Rear Handle Bar Cover (L)	(SET)	1
55	Front Handle Bar Cover (R)	(SET)	1
55~1	Rear Handle Bar Cover (R)	(SET)	1
56	~ 32 (2.5T)_Button Head End Cap	000841	2
57	Connecting Arm Cover (L)	000830	2
58	Connecting Arm Cover (R)	000968	2
59	5/16" x 15m/m_Hex Head Screw	022803	10
60	3/8" x 2-1/4"_Hex Head Screw	000063	4
61	3/8" x 3-3/4"_Hex Head Screw		4
62	1/4" x 3/4"_Hex Head Screw	030097	4
63	M8 x 50_Socket Head Cap Screw	022139	2
64	M8x30_Socket Head Cap Screw	010087	2
65	5/16" x1- 3/4"_Button Head Socket Screw	000086	2
66	M5x10_Phillips Head Screw	000912	14
67	~ 25 _C Clip	000195	3
68	~ 17_C Clip	000196	5
69	M8 x 7T _ Nylon Nut	022288	4

ZE120 Parts List continued.....

NO.	DESCRIPTION	Part #	Qty.
70	1/4" _ Nylon Nut	030098	4
71	5/16" x 7T_ Nylon Nut	000081	4
72	3/8" -UNF26 x 4T_Nut	010094	2
73	3/8" -UNF26 x 9T_Nut	010095	2
74	3/8" x 7T_Nut	010108	8
75	M12_Nut	022794	2
76	3/8" x 19 x 1.5T_Flat Washer	000076	6
77	3/8" x 25 x 2T_Flat Washer	010098	2
78	5/16" x 35 x 1.5T_Flat Washer	010099	2
79	5/16" x 23 x 1.5T_Flat Washer	022908	6
80	5/16" x 20 x 1.5T_Flat Washer	022918	11
82	J Bolt - M8 x 170m/m	010142	1
83	~ 17 _Wavy Washer	022700	12
84	3/8" x 23 x 1.5T_Curved Washer	000074	6
85	5x16_Tapping Screw - Plated	010150	7
86	4x15_Self Tapping Screw	030054	1
87	~ 3.5x12m/m_Self Tapping Screw	010113	8
88	4x19_Self Tapping Screw	030065	7
89	5x16_Tapping Screw - Plated	010150	16
90	~ 35x~ 25.5x5T_Bushing - Plastic	000148	1
92	~ 25x15_Food Pad	010124	2
93	Steel Rope - Brake Adjustment Cable	000141	1
94	1/4"x19_Flat Washer	022919	17
95	M8 x20 _ Carriage Bolt	030094	1
96	3/8" x 2T_Spring Washer	000053	2
99	~ 17x~ 23.5x1T_Flat Washe	022975	1
100	5x19_Tapping Screw	030057	4
102	Moving Arm Spacer	000858	2
103	3/8" x 3/4"_Hex Head Screw	000060	2
104	5/16" x 1-1/4"_Hex Head Screw	022763	2
105	M5 x 15m/m_Phillips Head Screw	000913	14
106	13/14m/m_ Wrench	022596	1
107	Short Phillips Screw Driver		1
108	Phillips Head Screw Driver	023091	1
109	12m/m_ Wrench	000342	1
112	LUBRICANT	022271	1
	HARDWARE KIT	000350	1
	OVERLAY (Button)	000579	1
	OVERLAY (LED)	000132	1
	Decal (Side)	000329	2
	CONSOLE STICKER (LOGO)	000820	1

XE125 Exploded View



950904PM1435

XE125 Part List

NO.	Description	Part #	Qty.
1	MAIN FRAME		1
2	Pedal Arm Assy. (L)	000240	1
3	Pedal Arm Assy. (R)	000241	1
4	Lower Handle Bar Assy. (L)	000242	1
5	Lower Handle Bar Assy. (R)	000243	1
6	Bushing Housing, Pedal Arm w/bearings	000272	2
7	Connecting Arm Assy. (L)	000244	1
8	Connecting Arm Assy. (R)	000245	1
9	Cross Bar-Crank Weldment	000262	2
10	Console Mast	000246	1
11	Idler Arm	000273	1
12	Pulley Axle	000276	1
13	~ 1-1/4" x 850Lx 1.8T_Upper Handle Bar Assy.(L)	000247	1
14	~ 1-1/4" x 850Lx 1.8T_Upper Handle Bar Assy. (R)	000248	1
15	~ 1-1/2" x 745Lx 2.0T_Rail	000249	2
16	5T_Iron Plate for LUG	000250	1
17	~ 19x 102L_Axle for Pedal (Pedal Axle)	000267	2
18	~ 17x 59L_Axle for Slide Wheel	000277	2
19	~ 11.9 x ~ 8.5 x 16m/m_Fish-eye Sleeve - Rod End Sleeve	000199	3
20	6005_Bearing for Pulley	021951	2
21	6203_Bearing for Idler Wheel	021987	6
22	6003_Bearing for Slide Wheel	010043	8
23	M12 x P1.75_Fish-eye Bearing - Rod End Bearing	000200	2
24	~ 31 x ~ 25.5 x ~ 19 x 16+3T_Bushing (Pedal)	022699	4
25	Brake Adjustment Cable	000278	1
26	Belt - 500J/1270J	000146	1
27	~ 330_Drive Pulley Assy w/Axle Pulley ONLY = 000908	000147	1
28	~292_Flywheel	000341	1
29	Magnet	010041	1
30	7x7x17L_Woodruff Key	000274	2
31	Console	000265	1
31~1	Top Console Cover	000259	1
31~2	Bottom Console Cover	000918	1
31~3	Badge, Console	022743	1
31~5	Deflector Fan Grill	000467	1
31~6	Fan Grill Anchor	000831	2
31~7	Fan Motor	000808	1
31~8	Fan Switch	000367	1
32	1100mm_12 Pin Main Wiring Harness	000987	1
33	DC Power Cable - 600m/m	000185	1
34	Gear Motor	000279	1
35	250mm_Sensor W/Cable	000369	1
36	Sensor Rack	022989	1

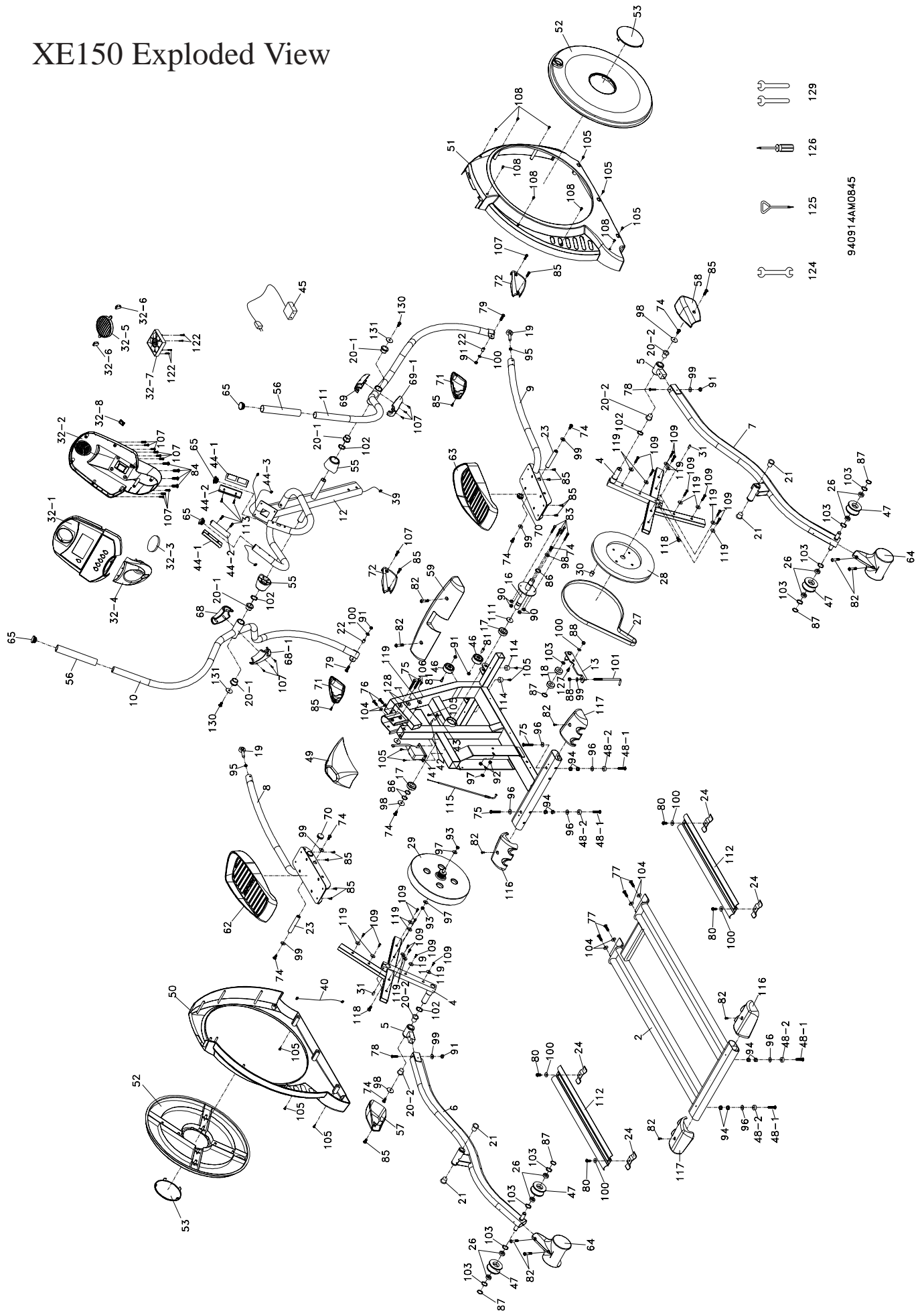
XE125 Part List continued.....

NO.	Description	Part #	Qty.
37	Handpulse W/Cable Assy.	COMES AS SET 000144	2
37~1	Handpulse Assembly Top		2
37~2	Handpulse Assembly Bottom		2
37~3	800mm 2P_Handpulse Cable		2
37~4	~ 3x20_Tapping Screw	000839	4
38	9V/1000mA_Power Supply	000280	1
39	~ 82 PU_Slide Wheel , Urethane	000251	2
40	Foot Pad		2
40~1	3/8" x 2"_Flat Head Socket Screw	022885	2
40~2	~ 35 x 10 Cushion Foot Pad	022943	2
41	Console Mast Cover	000252	1
42	Left Chain Cover	000253	1
43	Right Chain Cover	000254	1
44	Round Disk	000255	2
45	Round Disk Access Cover	000368	2
46	Handle Bar Axle Cover	000256	2
47	Pedal Arm Cover (L)	000305	1
48	Pedal Arm Cover (R)	000306	1
50	Pedal (L)	000155	1
51	Pedal (R)	000837	1
52	Slide Wheel Cover	000257	2
53	~ 32 (1.8T)_Button Head End Cap	022069	4
54	Front Handle Bar Cover (L)	COMES AS SET 000268	1
55	Rear Handle Bar Cover (L)	COMES AS SET	1
56	Front Handle Bar Cover (R)	COMES AS SET 000269	1
57	Rear Handle Bar Cover (R)	COMES AS SET	1
58	~32 (2.5T)_Round Head End Cap	000841	2
59	Connecting Arm Cover (L)	COMES AS SET 000258	2
60	Connecting Arm Cover (R)		2
61	Lug Cover (L)	000260	1
62	Lug Cover (R)	000261	1
63	~ 60_Transportation Wheel	010068	2
64	~ 40x~ 80_Oval End Cap	010080	2
65	~ 32x220Lx3T_EVA Foam For Lug	000263	1
66	~ 32x420Lx3T_EVA Foam For Handle Bar	000159	2
67	~ 32x28T_Cushion Foot Pad	000275	2
68	New SPIRIT LOGO_Drink Bottle	030059	1
69	~ 35x~ 25.5x5T_Plastic Bushing	000148	1
70	5/16" x 15_Hex Head Screw	022803	20
71	5/16" x 32_Hex Head Screw	022113	2
72	1/4" x 3/4"_Hex Head Screw	030097	4
73	M8 x 50_Socket Head Cap Screw	022139	2
74	M8x25_Socket Head Cap Screw	030086	2

XE125 Part List continued.....

NO.	Description	Part #	Qty.
75	5/16" x 15_Button Head Socket Screw	022707	6
76	5/16" x 3/4"_Button Head Socket Screw	000100	2
77	3/8" x 2-1/4"_Button Head Socket Screw	022792	2
78	M5x10_Phillips Head Screw	000912	14
79	M5x15_Phillips Head Screw	000913	8
80	5x16_Tapping Screw	010150	7
81	5x25_Tapping Screw	022793	2
82	4.8x38_Self Tapping Screw	030068	1
83	5x16_Tapping Screw	010150	12
84	3.5x12_Self Tapping Screw	010113	22
85	~ 25 _C Clip	010096	1
86	~ 17_C Clip	000196	1
87	M8 x 7T _Nylon Nut	022288	4
88	1/4" _Nylon Nut	030098	4
89	3/8" x 7T_Nylon Nut	000080	2
90	3/8" -UNF26 x 4T_Nut	010094	2
91	3/8" -UNF26 x 9T_Nut	010095	2
92	3/8" x 7T_Nut	010108	4
93	M12_Nut	022794	2
94	3/8" x 19 x 1.5T_Flat Washer	000076	6
96	5/16" x 35 x 1.5T_Flat Washer	010099	2
97	5/16" x 23 x 1.5T_Flat Washer	022908	18
98	5/16" x 20 x 1.5T_Flat Washer	022918	8
99	1/4"x19_Flat Washer	022919	13
100	J Bolt - M8 x 170m/m	010142	1
101	~ 17 _Wavy Washer	022700	4
102	5/16" x 23 x 2T_Curved Washer	022957	2
103	M8 x20 _Carriage Bolt	030094	1
104	~ 17x~ 23.5x1T_Flat Washer	022975	2
105	5/16" x 7T_Nylon Nut	000081	2
106	3.5x16_Tapping Screw	022979	3
107	Wire Tie Mount	010083	3
108	Combination M5 Allen Wrench & Phillips Head Screw Driver	000089	1
110	12 m/m_ Wrench	000342	1
111	13/14m/m_ Wrench	022596	2
112	5x19_Tapping Screw	030057	2
113	LUBRICANT	022271	1
114	~ 3.5x32_Self tapping screw	000914	4
115	2.3x6_Self tapping screw	023105	4
	Hardware Kit	000264	1
	Decal (Side)	000266	2
	Console Sticker (Logo)	000820	1
	Overlay (LCD)	000132	1
	Overlay (Button)	000579	1

XE150 Exploded View



940914AM0845

XE150 Part List

NO.	DESCRIPTION	Part #	O'TY
1	Main Frame		1
2	Rail Assembly Weldment	000150	1
4	Cross Bar	000163	2
5	Bushing Housing, Pedal Arm	022895	2
6	Pedal Arm Assy. (L)	000168	1
7	Pedal Arm Assy. (R)	000169	1
8	Connecting Arm Assy. (L)	000186	1
9	Connecting Arm Assy. (R)	000187	1
10	Handle Bar Assy. (L)	000170	1
11	Handle Bar Assy. (R)	000833	1
12	Console Mast	000172	1
13	Idler Wheel Assy. (w/bearings)	000149	1
16	Drive Pulley Axle	022148	1
17	Bearing for Pulley	021951	2
18	Bearing for Idler Wheel	021987	2
19	Fish-eye Bearing - Rod-end Bearing	000200	2
20~1	Copper Bushing (30% Copper)	022752	4
20~2	Copper Bushing (50% Copper)	000174	4
21	~ 31 x~ 25.5 x~ 19 x 16+3T_ Bushing	022699	4
22	~ 11.9 x ~ 8.5 x 16m/m_ Fish-eye Sleeve	000199	3
23	~ 19 x 111 L x 5/16" _Axle for Pedal	022348	2
24	Retaining Bracket, Aluminum Track	000197	4
26	Bearing, Slide Wheel	010043	8
27	Belt - (500J/1270J)	000146	1
28	Drive Pulley ONLY	000908	1
28	Drive Pulley Assembly (w/axle)	000147	1
29	Flywheel - Brake Assy.	000140	1
30	Magnet	010041	1
31	Woodruff Key	000198	2
32	Console	000131	1
32~1	Top Console Cover	000259	1
32~2	Bottom Console Cover	000918	1
32~3	Badge, Console	022743	1
32~4	Front Console Cover	000916	1
32~5	Deflector Fan Grill	000467	1
32~6	Fan Grill Anchor	000831	2
32~7	Fan Motor	000808	1
32~8	Fan Power Switch	000982	1
39	1000m/m Computer Cable - main wiring harness	000142	1
40	DC Power Cable-Power Input Jack (serial # 1-840 = 000143)	000185	1
41	Gear Motor	022170	1
42	Sensor W/Cable (serial # 1-840 = 000145)	000184	1
43	Sensor Rack	022989	1
44	Handpulse w/Cable Assy.	000144	2
44~1	Handpulse Assembly Top (comes as assy. on #000144)		2
44~2	Handpulse Assembly Bottom (comes as assy. on #000144)		2
44~3	Handpulse Cable (comes as assy. on #000144)		1
45	Power Supply - Adapter	000137	1

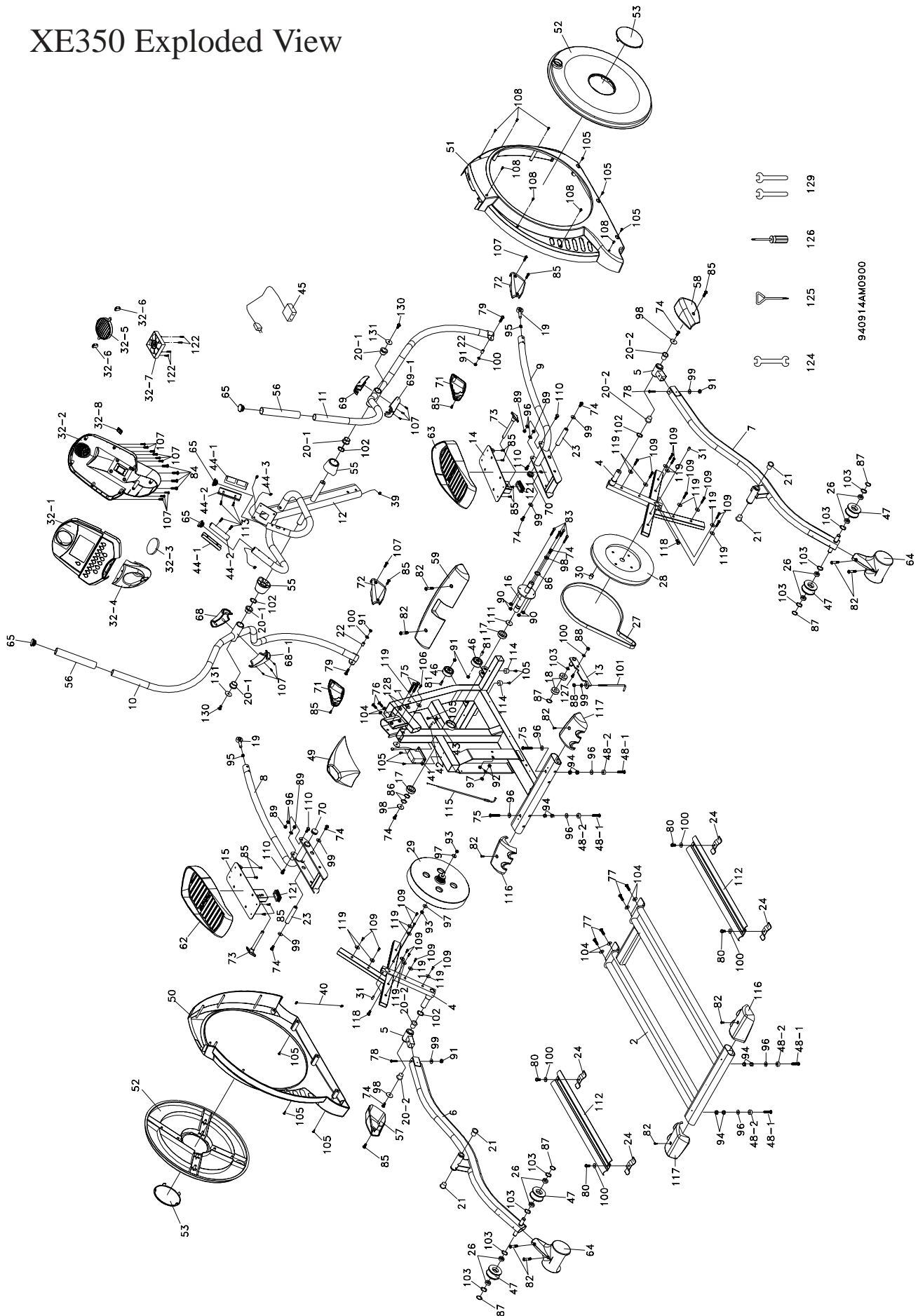
XE150 Part List continued.....

NO.	DESCRIPTION	Part #	O'TY
46	~ 54_Transportation Wheel	000179	2
47	~72 Slide Wheel, Urethane Assy. (w/bearing)	000153	4
48~1	3/8" x 2"_ Flat Head Socket Screw	022885	4
48~2	~ 35x10m/m_Cushion	022943	4
49	Console Mast Cover	000173	1
50	Left Chain Cover	000161	1
51	Right Chain Cover	000162	1
52	Round Disk	000160	2
53	Round Disk Cover	000840	2
55	Handlebar Axle Cover	000818	2
56	EVA Foam Upper For Handle Bar	000159	2
57	Pedal Arm Cover (L)	000165	1
58	Pedal Arm Cover (R)	000167	1
59	Front Stabilizer Cover	000182	1
62	Pedal (L)	000155	1
63	Pedal (R)	000837	1
64	Slide Wheel Cover	000164	2
65	~ 32 (1.8T)_Button Head End Cap	022069	4
68	Front Handle Bar Cover (L) - (COMES AS SET)	000166	1
68~1	Rear Handle Bar Cover (L) - (COMES AS SET)	000166	1
69	Front Handle Bar Cover (R) - (COMES AS SET)	000850	1
69~1	Rear Handle Bar Cover (R) - (COMES AS SET)	000850	1
70	~32 (2.5T)_Round Head End Cap	000841	2
71	Connecting Arm Cover (L)	000464	2
72	Connecting Arm Cover (R)	000464	2
74	5/16" x 15m/m_Hex Head Screw	022803	8
75	3/8" x 2-1/4"_Hex Head Screw	020623	4
76	3/8" x 3/4"_Hex Head Screw	000060	2
77	3/8" x 3-3/4"_Hex Head Screw	021707	4
78	M8 x 50m/m_Socket Head Cap Screw	022139	2
79	5/16" x 1-1/4"_ Hex Head Screw	022763	2
80	5/16" x 3/4"_ Hex Head Screw	020340	4
81	5/16" x1- 3/4"_ Button Head Socket Screw	000086	2
82	M5 x 15m/m_ Button Head Socket Screw	010090	10
83	1/4" x 3/4"_ Hex Head Screw	030097	4
84	M5 x 12m/m_ Button Head Socket Screw	030095	4
85	M5x10m/m_ Button Head Socket Screw	000051	14
86	~ 25_ C Clip	000195	3
87	~ 17_ C Clip	000196	5
88	M8 x 7T_ Nylon Nut	022288	4
90	1/4"_ Nylon Nut	030098	4
91	5/16" x 7T_ Nylon Nut	000081	4
92	3/8" -UNF26 x 4T_ Nut	010094	2
93	3/8" -UNF26 x 9T_ Nut	010095	2
94	3/8" x 7T_ Nut	010108	8

XE150 Part List continued.....

NO.	DESCRIPTION	Part #	O'TY
95	M12_ Nut	022794	2
96	3/8" x 19 x 1.5T_ Flat Washer	000076	6
97	3/8" x 25 x 2T_ Flat Washer	010098	2
98	5/16" x 35 x 1.5T_ Flat Washer	010099	4
99	5/16" x 23 x 1.5T_ Flat Washer	022908	2
100	5/16" x 18x 1.5T_ Flat Washer	000077	7
101	M8 x 170m/m_ J Bolt	010142	1
102	~ 25_ Wavy Washer	022698	6
103	~ 17_ Wavy Washer	022700	8
104	3/8" x 23 x 2T_ Curved Washer	030081	6
105	5x16m/m_ Tapping Screw - (Plated)	010150	9
106	4x15m/m_ Self Tapping Screw	030054	1
107	~ 3.5x12m/m_Self Tapping Screw	010113	15
108	4x19m/m_ Self Tapping Screw	030065	7
109	5x16m/m_ Tapping Screw - (Plated)	010150	16
111	~ 35x~ 25.5x5T_ Bushing	000148	1
112	Aluminum Track	000152	2
113	~ 3x20m/m_ Self Tapping Screw	000839	4
114	~ 25x15m/m_ Foot Pad	010124	2
115	Steel Rope - Brake Adjustment Cable	000141	1
116	Rear Stabilizer Cover (A)	000151	2
117	Rear Stabilizer Cover (B)	000838	2
118	M8x30m/m_ Socket Head Cap Screw	010087	2
119	1/4"x19m/m_ Flat Washer	022919	17
120	~ 8.5x1.5T_ L Washer - Anti Rotation Bracket	000813	4
122	~ 3.5x30m/m_ Self Tapping Screw		4
124	13/14m/m_ Wrench	022596	1
125	Short Phillips Screw Driver		1
126	Phillips Head Screw Driver	023091	1
127	M8 x20 m/m_ Carriage Bolt	030094	1
128	3/8" x 2T_ Spring Washer	000053	2
129	12m/m_ Wrench	000342	2
130	3/8" x 5/8" _ Hex Head Screw	000921	2
131	3/8" x 35 x 2.0T_ Flat Washer	030082	2
132	3/8" x 16 x 1.5T_ Flat Washer		1
134	~ 17x 23.5 x 1T_ Flat Washer	022975	1
136	Oval End Cap		2
137	5x19 m/m_ Tapping Screw	030057	2
	Console Lens (Modified)	000905	1
	Overlay, LCD	000132	1
	Overlay, Button	000579	1
	Console Sticker (LOGO)	000820	1
	Decal, Side	000176	2
	Hardware Kit	000190	1

XE350 Exploded View



940914AM0900

XE350 Parts List

NO.	DESCRIPTION	PART #	O'TY
1	Main Frame		1
2	Rail Assembly Weldment	000150	1
4	Cross Bar	000163	2
5	Bushing Housing, Pedal Arm	022895	2
6	Pedal Arm Assy. (L) w/bearing	000168	1
7	Pedal Arm Assy. (R) w/bearing	000169	1
8	Connecting Arm Assy.(L) w/bearing	000188	1
9	Connecting Arm Assy. (R) w/bearing	000189	1
10	Handle Bar Assy. (L) w/bearing	000170	1
11	Handle Bar Assy. (R) w/bearing	000833	1
12	Console Mast	000172	1
13	Idler Arm Assy. w/bearing	000149	1
14	Footpad Support Plate (R)	000920	1
15	Footpad Support Plate (L)	000919	1
16	Pulley Axle	022148	1
17	Bearing for Pulley	021951	2
18	Bearing for Idler Wheel	021987	2
19	Fish-eye Bearing - Rod End Bearing	000200	2
20~1	Copper Bushing (30% Copper) (for Handlebar)	022752	4
20~2	Copper Bushing (50% Copper) (for Pedal Arm)	000174	4
21	~ 31 x~ 25.5 x~ 19 x 16+3T_ Bushing	022699	4
22	~ 11.9 x ~ 8.5 x 16m/m_Fish-eye Sleeve (Rod End Sleeve)	000199	3
23	~ 19 x 111 L x 5/16" _Axle for Pedal	022348	2
24	Retaining Bracket, Aluminum Track	000197	4
26	Bearing, Slide Wheel	010043	8
27	Belt - 500J/1270J	000146	1
28	Drive Pulley Assy. w/ axle (Pulley ONLY = 000908)	000147	1
29	Flywheel - Brake Assy.	000140	1
30	Magnet	010041	1
31	Woodruff Key	000198	2
32	Console	000133	1
32~1	Top Console Cover	000139	1
32~2	Bottom Console Cover	000918	1
32~3	Badge, Console	022743	1
32~4	Front Console Cover	000916	1
32~5	Deflector Fan Grill	000467	1
32~6	Fan Grill Anchor	000831	2
32~7	Fan Motor	000808	1
32~8	Fan Power Switch	000367	1
39	1000m/m Computer Cable - Main Wiring Harness	000183	1
40	DC Power Cable - Power Input Jack	000185	1
41	Gear Motor	022170	1
42	Sensor W/Cable	000184	1
43	Sensor Rack	022989	1
44	Handpulse w/Cable Assy.	000144	2
44~1	Handpulse Assembly Top (comes as assy w/ #000144)		2
44~2	Handpulse Assembly Bottom (comes as assy w/ #000144)		2

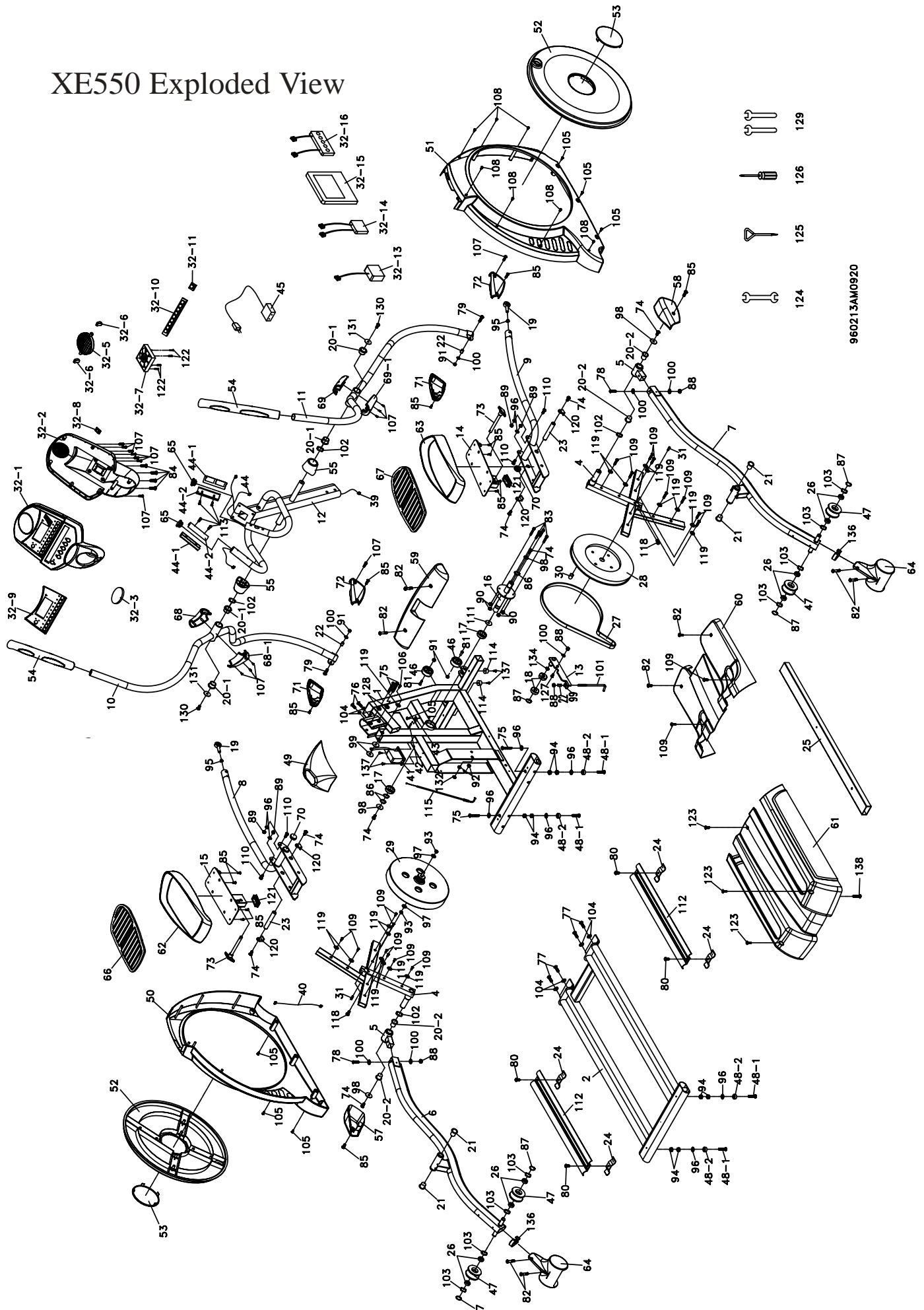
XE350 Parts List continued.....





NO.	DESCRIPTION	PART #	O'TY
44~3	Handpulse Cable (comes as assy w/ #000144)		1
45	Power Supply - Adapter	000137	1
46	~ 54_Transportation Wheel	000179	2
47	~72 Slide Wheel Urethane Assy. w/bearing	000153	4
48~1	3/8" x 2"_ Flat Head Socket Screw	022885	4
48~2	~ 35x10m/m_Cushion	022943	4
49	Console Mast Cover	000173	1
50	Left Chain Cover	000161	1
51	Right Chain Cover	000162	1
52	Round Disk	000160	2
53	Round Disk Cover	000840	2
55	Handle Bar Axle Cover	000818	2
56	EVA Foam Upper For Handle Bar	000159	2
57	Pedal Arm Cover (L)	000165	1
58	Pedal Arm Cover (R)	000167	1
59	Front Stabilizer Cover	000182	1
62	Pedal (L)	000155	1
63	Pedal (R)	000837	1
64	Slide Wheel Cover	000164	2
65	~ 32 (1.8T)_Button Head End Cap	022069	4
68	Front Handle Bar Cover (L) - comes as SET	000166	1
68~1	Rear Handle Bar Cover (L) - comes as SET		1
69	Front Handle Bar Cover (R) - comes as SET	000850	1
69~1	Rear Handle Bar Cover (R) - comes as SET		1
70	~ 32 (2.5T)_Round Head End Cap	000841	2
71	Connecting Arm Cover (L) - comes as SET	000464	2
72	Connecting Arm Cover (R) - comes as SET		2
73	Adjustment Pin	000154	2
74	5/16" x 15m/m_Hex Head Screw	022803	8
75	3/8" x 2-1/4"_Hex Head Screw	020623	4
76	3/8" x 3/4"_Hex Head Screw	000060	2
77	3/8" x 3-3/4"_Hex Head Screw	021707	4
78	M8 x 50m/m_Socket Head Cap Screw	022139	2
79	5/16" x 1-1/4"_ Hex Head Screw	022263	2
80	5/16" x 3/4"_ Hex Head Screw	020340	4
81	5/16" x 1- 3/4"_ Button Head Socket Screw	000086	2
82	M5 x 15m/m_ Button Head Socket Screw	010090	10
83	1/4" x 3/4"_ Hex Head Screw	030097	4
84	M5 x 12m/m_ Button Head Socket Screw	030095	4
85	M5x10m/m_ Button Head Socket Screw	000051	14
86	~ 25_ C Clip	000195	3
87	~ 17_ C Clip	000196	5
88	M8 x 7T_ Nylon Nut	022288	4
89	3/8" x 7T _Nylon Nut	000080	4
90	1/4"_ Nylon Nut	030098	4
91	5/16" x 7T_ Nylon Nut	000081	4

XE350 Parts List continued...

NO.	DESCRIPTION	PART #	O'TY
92	3/8" -UNF26 x 4T_ Nut	010094	2
93	3/8" -UNF26 x 9T_ Nut	010095	2
94	3/8" x 7T_ Nut	010108	8
95	M12_ Nut	022794	2
96	3/8" x 19 x 1.5T_ Flat Washer	000076	10
97	3/8" x 25 x 2T_ Flat Washer	010098	2
98	5/16" x 35 x 1.5T_ Flat Washer	010099	4
99	5/16" x 23 x 1.5T_ Flat Washer	022908	2
100	5/16" x 18x 1.5T_ Flat Washer	000077	7
101	M8 x 170m/m_ J Bolt	010142	1
102	~ 25_ Wavy Washer	022698	6
103	~ 17_ Wavy Washer	022700	8
104	3/8" x 23 x 2T_ Curved Washer	030081	6
105	5x16m/m_ Tapping Screw (Plated)	010150	9
106	4x15m/m_ Self Tapping Screw	030054	1
107	~ 3.5x12m/m_Self Tapping Screw	010113	15
108	4x19m/m_ Self Tapping Screw	030065	7
109	5x16m/m_ Tapping Screw (Plated)	010150	16
110	3/8" x 3/4" _Hex Head Screw	000060	4
111	~ 35x~ 25.5x5T_ Bushing (plastic)	000148	1
112	Aluminum Track	000152	2
113	~ 3x20m/m_ Self Tapping Screw	000839	4
114	~ 25x15m/m_ Foot Pad	010124	2
115	Steel Rope - Brake Adjustment Cable	000141	1
116	Rear Stabilizer Cover (A)	000151	2
117	Rear Stabilizer Cover (B)	000838	2
118	M8x30m/m_ Socket Head Cap Screw	010087	2
119	1/4"x19m/m_ Flat Washer	022919	17
120	~ 8.5x1.5T_ L Washer - Anti Rotation Bracket	000813	4
121	%30x60(2.0T)_Square End Cap	022480	2
122	~ 3.5x30 m/m_ Self Tapping Screw		4
124	13/14m/m_ Wrench	022596	1
125	Short Phillips Screw Driver		1
126	Phillips Head Screw Driver	023091	1
127	M8 x20 m/m_ Carriage Bolt	030094	1
128	3/8" x 2T_ Spring Washer	000053	2
129	12m/m_ Wrench	000342	2
130	3/8" x 5/8" _ Hex Head Screw	000921	2
131	3/8" x 35 x 2.0T_ Flat Washer	030082	2
132	3/8" x 16 x 1.5T_ Flat Washer		1
134	~ 17x 23.5 x 1T_Flat Washer	022975	1
136	Oval End Cap		2
137	5x19m/m_ Tapping Screw	030057	2
	Overlay, LCD	000134	1
	Overlay, Button	000851	1
	Console Sticker (LOGO)	000820	1
	Decal, Side	000177	2
	Hardware Kit	000191	1

XE550 Exploded View



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XE550 Parts List

NO.	DESCRIPTION	PART #	O'TY
1	Main Frame		1
2	Rail Assembly Weldment	000150	1
4	Cross Bar	000163	2
5	Bushing Housing, Pedal Arm	022895	2
6	Pedal Arm Assy. (L)	000168	1
7	Pedal Arm Assy. (R)	000169	1
8	Connecting Arm Assy. (L)	000188	1
9	Connecting Arm Assy. (R)	000189	1
10	Handle Bar Assy. (L)	000171	1
11	Handle Bar Assy. (R)	000834	1
12	Console Mast	000172	1
13	Idler Wheel Assy. w/bearings	000149	1
14	Footpad Support Plate (R)	000920	1
15	Footpad Support Plate (L)	000919	1
16	Pulley Axle	022148	1
17	6005 Bearing for Pulley	021951	2
18	6203 Bearing for Idler Wheel	021987	2
19	Fish-eye bearing - Rod End Bearing	000200	2
20~1	Copper Bushing (30% Copper) (Handle Bar)	022752	4
20~2	Copper Bushing (50% Copper) (Pedal Arm)	000174	4
21	~ 31 x~ 25.5 x~ 19 x 16+3T_Bushing (Pedal Arm)	022699	4
22	~ 11.9 x~ 8.5 x 16m/m_Fish-eye Sleeve-Rod End	000199	3
23	~ 19 x 111 L x 5/16" _Axle for Pedal	022348	2
24	Retaining Bracket, Aluminum Track	000197	4
25	Rear Shroud Support Tube	000885	1
26	6003 Bearing, Slide Wheel	010043	8
27	Belt - 240J/1270J	000146	1
28	Drive Pulley Assy. w/Axle Pulley ONLY=000908	000147	1
29	Flywheel - Brake Assy.	000140	1
30	Magnet	010041	1
31	Woodruff Key	000198	2
32	Console	000135	1
32~1	Top Console Cover	000917	1
32~2	Bottom Console Cover	000918	1
32~3	Badge, Console	022743	1
32~4	Front Console Cover	000916	1
32~5	Deflector Fan Grill	000467	1
32~6	Fan Grill Anchor	000831	2
32~7	Fan Motor	000808	1
32~8	Fan Power Switch	000367	1
32~9	Face Plate Lens Cover	000895	1
39	1000m/m Computer Cable-Main Wiring Harness	000183	1
40	DC Power Cable - Power Input Jack	000185	1
41	Gear Motor	022170	1

XE550 Parts List continued....

NO.	DESCRIPTION	PART #	O'TY
42	Sensor W/Cable	000184	1
43	Sensor Rack	022989	1
44	Hanpulse w/Cable Assy.	000144	2
44~1	Handpulse Assembly Top (comes as SET)		2
44~2	Handpulse Assembly Bottom (comes as SET)		2
45	Power Supply - Adaptor	000138	1
46	~ 54_Transportation Wheel	000179	2
47	~72 Slide Wheel Urethane Assy w/bearing	000153	4
48~1	3/8" x 2" _Flat Head Socket Screw	022885	4
48~2	~ 35x10m/m_Cushion	022943	4
49	Console Mast Cover	000173	1
50	Left Chain Cover	000161	1
51	Right Chain Cover	000162	1
52	Round Disk	000160	2
53	Round Disk Cover	000840	2
54	Handle Bar Axle Inner Cover - Molded Handgrip	000158	2
55	Handle Bar Axle Cover	000818	2
57	Pedal Arm Cover (L)	000165	1
58	Pedal Arm Cover (R)	000167	1
59	Front Stabilizer Cover	000182	1
60	Rear Shroud (A)	000194	1
61	Rear Shroud (B)	000193	1
62	Pedal (L)	000156	1
63	Pedal (R)	000157	1
64	Slide Wheel Cover	000164	2
65	~ 32 (1.8T)_Button Head End Cap	022069	2
66	Pedal foam (L)	000835	1
67	Pedal foam (R)	000836	1
68	Front Handle Bar Cover (L) - comes as SET	000166	1
68~1	Rear Handle Bar Cover (L) - comes as SET		1
69	Front Handle Bar Cover (R) - comes as SET	000850	1
69~1	Rear Handle Bar Cover (R) - comes as SET		1
70	~ 32 (2.5T)_Round Head End Cap	000841	2
71	Connecting Arm Cover (L) - comes as SET	000464	2
72	Connecting Arm Cover (R) - comes as SET		2
73	Adjustment Pin	000154	2
74	5/16" x 15m/m_Hex Head Screw	022803	8
75	3/8" x 2-1/4" _Hex Head Screw	020623	4
76	3/8" x 3/4" _Hex Head Screw	000060	2
77	3/8" x 3-3/4" _Hex Head Screw	021707	4
78	M8 x 50m/m _Socket Head Cap Screw	022139	2
79	5/16" x 1-1/4" _Hex Head Screw	022763	2
80	5/16" x 3/4" _Hex Head Screw	020340	4
81	5/16" x1- 3/4" _Button Head Socket Screw	000086	2

XE550 Parts List continued....

NO.	DESCRIPTION	PART #	O'TY
82	M5 x 15m/m_Button Head Socket Screw	010090	8
83	1/4" x 3/4"_Hex Head Screw	030097	4
84	M5 x 12m/m_Button Head Socket Screw	030095	4
85	M5x10m/m_Button Head Socket Screw	000051	14
86	~ 25_C Clip	000195	3
87	~ 17_C Clip	000196	5
88	M8 x 7T_Nylon Nut	022288	4
89	3/8" x 7T_Nylon Nut	000080	4
90	1/4"_Nylon Nut	030098	4
91	5/16" x 7T_Nylon Nut	000081	4
92	3/8" -UNF26 x 4T_Nut	010094	2
93	3/8" -UNF26 x 9T_Nut	010095	2
94	3/8" x 7T_Nut	010108	8
95	M12_Nut	022794	2
96	3/8" x 19 x 1.5T_Flat Washer	000076	10
97	3/8" x 25 x 2T_Flat Washer	010098	2
98	5/16" x 35 x 1.5T_Flat Washer	010099	4
99	5/16" x 23 x 1.5T_Flat Washer	022908	2
100	5/16" x 18x 1.5T_Flat Washer	000077	7
101	M8 x 170m/m_ J Bolt	010142	1
102	~ 25_Wavy Washer	022698	6
103	~ 17_Wavy Washer	022700	8
104	3/8" x 23 x 2T_Curved Washer	030081	6
105	5x16m/m_ Tapping Screw - Plated	010150	9
106	4x15m/m_Self Tapping Screw	030054	1
107	~ 3.5x12m/m_ Self Tapping Screw	010113	15
108	4x19m/m_ Self Tapping Screw	030065	7
109	5x16m/m_ Tapping Screw - Plated	010150	18
110	3/8" x 3/4"_ Hex Head Screw	000060	4
111	~ 35x~ 25.5x5T_ Bushing - Plastic	000148	1
112	Aluminum Track	000152	2
113	~ 3x20m/m_ Tapping Screw	000839	4
114	~ 25x15m/m_ Foot Pad	010124	2
115	Steel Rope - Brake Adjustment Cable	000141	1
118	M8x30m/m_ Socket Head Cap Screw	010087	2
119	1/4"x19m/m_ Flat Washer	022919	17
120	~ 8.5x1.5T_ L Washer - Anti Rotatin Bracket	000813	4
121	%30x60(2.0T)_Square End Cap	022480	2
122	~ 3.5x30 m/m_ Self Tapping Screw		4
123	M5 x 50m/m_Button Head Socket Screw	023209	3
124	13/14m/m_ Wrench	022596	1
125	Short Phillips Screw Driver		1

XE550 Parts List continued....

NO.	DESCRIPTION	PART #	O'TY
126	Phillips Head Screw Driver	023091	1
127	M8 x20 m/m_ Carriage Bolt	030094	1
128	3/8" x 2T_ Spring Washer	000053	2
129	12m/m_ Wrench	000342	2
130	3/8" x 5/8" _ Hex Head Screw	000921	2
131	3/8" x 35 x 2.0T_ Flat Washer	030082	2
132	3/8" x 16 x 1.5T_ Flat Washer		1
134	~ 17x 23.5 x 1T_Flat Washer	022975	1
136	Oval End Cap		2
137	5x19m/m_ Tapping Screw	030057	2
138	6.3 x 38m/m_ Self Tapping Screw	000134	1
139	Non-Slip Rubber (Shroud)	030089	1
	Overlay, Button	000136	1
	Console Sticker (LOGO)	000820	1
	Decal, Side	000178	2
	Decal, NO STEP	000829	1
	Hardware Kit	000192	1